OK

th	Depth 6	Contents 7	Reference to last Measurement 8

First & Final Bill

SBR10-258/15-16

23-2-16

BR-278/29-2-16

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192574

Serial No.....

Name of work..... From..... To.....
Pot hole filling in Ramachandrapura area in ward No-20.
(Doddabommasandra), Vidyaranyapura Sub-division.

Name of Contractor of nature of Agency.....
Sri. H. Gangadhar.

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work code No;-	010-15-000039.					
	Work order No;-	EE/BTP/BBMP/E-PMT/A10/181/2015-16, Date 19-12-2015					
	Address of Agency;-	#24, 3rd Main road, Akshavanam layout, Vidyaranyapura Bangalore-87					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 23/12/2015.						
	1) providing laying spreading and compacting graded stones aggregates to wet mix macadam specifications including premixing the materials with water at OMC in mechanical mix plant on wet prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the works						
	Nanjappa Layout	1	1.50	3.70	0.15 =	0.83 cum	
		1	1.30	2.80	0.12 =	0.44 cum	
		4	1.60	5.60	0.15 =	5.38 cum	
		1	1.50	4.60	0.10 =	0.69 cum	
		1	2.00	2.00	0.15 =	0.60 cum	
		4	1.30	6.00	0.15 =	4.68 cum	
		1	1.20	3.20	0.10 =	0.38 cum	
		3	1.20	2.20	0.15 =	1.19 cum	
		1	1.00	1.80	0.10 =	0.18 cum	

M.A.P

Me

Serial No.....

Name of work.....Fr

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	
		Number
1	2	3
	C & F.C	1
		3
	31/12/15	1
		1
		1
		1
		3
		1
		2
		1
		1
		3

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

OK

Depth 6	Contents 7	Reference to last Measurement 8
15-		
acting graded stones		
ications including premixing		
echanical mix plant on wet		
Vibratory roller to achieve		
specifications and directions		
0.15 =	0.83 cum	
0.12 =	0.44 cum	
0.15 =	5.38 cum	
0.10 =	0.69 cum	
0.15 =	0.60 cum	
0.15 =	4.68 cum	
0.10 =	0.38 cum	
0.15 =	1.19 cum	
0.10 =	0.18 cum	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192525

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	C & F.C	1	0.90	3.00	0.20 =	0.54 cum	
		3	1.80	4.70	0.10 =	2.54 cum	
		1	6.10	4.70	0.15 =	4.30 cum	
		1	2.00	2.00	0.12 =	0.48 cum	
		1	1.00	1.00	0.15 =	0.15 cum	
		1	0.60	5.80	0.12 =	0.42 cum	
		3	0.80	5.80	0.15 =	2.09 cum	
		1	1.00	6.00	0.10 =	0.60 cum	
		2	6.10	1.00	0.15 =	1.83 cum	
		1	6.00	1.00	0.10 =	0.60 cum	
		1	1.00	1.00	0.10 =	0.10 cum	
		3	2.00	2.00	0.15 =	1.80 cum	

31/12/15

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	1.00	4.20	0.12 =	0.50 Cum	
		1	0.60	0.10	0.20 =	0.01 Cum	
		1	2.50	9.40	0.15 =	3.53 Cum	
		1	4.00	4.00	0.12 =	1.82 Cum	
		1	2.00	1.00	0.15 =	0.30 Cum	
		1	5.00	1.00	0.10 =	0.50 Cum	
		1	1.00	1.00	0.10 =	0.10 Cum	
		1	3.00	1.40	0.20 =	0.84 Cum	
		1	8.00	8.00	0.20 =	7.20 Cum	
		1	1.20	1.30	0.10 =	0.16 Cum	
		1	5.00	1.40	0.15 =	1.05 Cum	
		1	1.00	1.00	0.15 =	0.15 Cum	
		1	6.00	4.00	0.12 =	2.88 Cum	
		1	1.30	5.50	0.15 =	1.07 Cum	
		1	2.60	4.20	0.15 =	1.64 Cum	
		1	6.00	1.60	0.10 =	0.96 Cum	
		3	1.00	3.00	0.15 =	1.35 Cum	
		1	2.00	3.50	0.10 =	0.70 Cum	
	Chamundeshwari Layout	2	1.00	1.00	0.12 =	0.24 Cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work	
1	2	
	Ramakrishna Appartment Road	

Depth 6	Contents 7	Reference to last Measurement 8
0.12 =	0.50 Cum	
0.20 =	0.01 Cum	
0.15 =	3.53 Cum	
0.12 =	1.82 Cum	
0.15 =	0.30 Cum	
0.10 =	0.50 Cum	
0.10 =	0.10 Cum	
0.20 =	0.84 Cum	
0.20 =	7.20 Cum	
0.10 =	0.16 Cum	
0.15 =	1.05 Cum	
0.15 =	0.15 Cum	
0.12 =	2.88 Cum	
0.15 =	1.07 Cum	
0.15 =	1.64 Cum	
0.10 =	0.90 Cum	
0.15 =	1.36 Cum	
0.10 =	0.70 Cum	
0.12 =	0.24 Cum	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192526

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Ramakrishna Appartment Road	1	0.60	0.60	0.20 =	0.07 Cum	
		2	1.40	2.20	0.12 =	0.74 Cum	
		1	1.40	3.00	0.20 =	0.84 Cum	
		3	0.80	4.30	0.12 =	1.24 Cum	
		1	1.50	1.60	0.15 =	0.36 Cum	
		2	0.90	5.50	0.10 =	0.99 Cum	
		4	0.80	4.70	0.15 =	2.26 Cum	
		1	1.00	5.60	0.15 =	0.84 Cum	
		1	0.70	5.00	0.20 =	0.70 Cum	
		2	0.80	5.00	0.20 =	1.60 Cum	
		1	0.70	5.00	0.15 =	0.53 Cum	
		1	0.80	5.20	0.15 =	0.62 Cum	
		2	0.80	2.00	0.20 =	0.64 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Venugopal Swamy Temple Road	3	9.30	5.30	0.10 =	14.79 Cum	
		1	1.80	1.60	0.10 =	0.24 Cum	
		2	4.20	0.80	0.12 =	0.81 Cum	
		1	2.80	2.10	0.12 =	0.71 Cum	
		2	3.70	1.80	0.15 =	2.00 Cum	
		3	6.20	1.50	0.12 =	3.35 Cum	
		2	3.40	2.20	0.12 =	1.80 Cum	
	D.B-Sandra Area to Ramachandra Para Ext	1	3.60	1.50	0.10 =	0.54 Cum	
		1	4.20	2.10	0.15 =	1.32 Cum	
		3	3.10	4.80	0.15 =	6.84 Cum	
		1	3.60	4.50	0.15 =	2.43 Cum	
		3	3.30	1.10	0.15 =	1.63 Cum	
		2	4.60	1.30	0.15 =	1.78 Cum	
		3	8.70	1.80	0.15 =	7.05 Cum	
		1	2.70	1.70	0.15 =	0.69 Cum	
		3	5.60	1.80	0.15 =	4.54 Cum	
		4	4.10	2.10	0.15 =	5.17 Cum	
		1	10.30	5.30	0.15 =	8.19 Cum	
		2	7.80	6.70	0.15 =	15.88 Cum	

M

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	C/Fwd 31/12/15	

Assistant Executive Enginee
Vidyaranyapura Sub Divisio
BBMP, Bangalore - 97

K

Depth 6	Contents 7	Reference to last Measurement 8
0.10 =	14.79 Cum	
0.10 =	0.24 Cum	
0.12 =	0.81 Cum	
0.12 =	0.71 Cum	
0.15 =	2.00 Cum	
0.12 =	3.35 Cum	
0.12 =	1.80 Cum	
0.10 =	0.54 Cum	
0.15 =	1.32 Cum	
0.15 =	6.84 Cum	
0.15 =	2.43 Cum	
0.15 =	1.62 Cum	
0.15 =	1.78 Cum	
0.15 =	7.08 Cum	
0.15 =	0.69 Cum	
0.15 =	4.54 Cum	
0.15 =	5.17 Cum	
0.15 =	8.19 Cum	
0.15 =	15.88 Cum	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192528

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C/Fwd	3	1.60	1.40	0.15 =	1.01 Cum	
		3	12.20	4.70	0.15 =	25.80 Cum	
					Total =	279.25 Cum 228.45	
					=	227.00 Cum	
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97	Qty limited to tender @ RS 1400.00				RS 317800.00	
						Jadhav AE 28/12/2015	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) Measurement continued on filling pot-holes and patch repairs with bituminous concrete 40mm KSRRB, M3000-S, Removal of all failed materials trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 500.3 finishing the surface to form a smooth continous surface all as per clause 3004.2 etc complete as per specifications and directions of engineers in charge of the work.	31/12/2015					
	Nanjappa Layout	1	1.50	3.70	=	5.55Sqm	
		1	1.30	2.80	=	3.64Sqm	
		4	1.60	5.60	=	35.84Sqm	
		1	1.50	4.60	=	6.90Sqm	
		1	2.00	2.00	=	4.00Sqm	
		4	1.30	6.00	=	31.20Sqm	
		1	1.20	3.20	=	3.84Sqm	
		3	1.20	2.20	=	7.92Sqm	
		1	1.00	1.80	=	1.80Sqm	
		1	0.90	3.00	=	2.70Sqm	

M.A.

Me

Serial No.....

Name of work.....F

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	
		Number
1	2	3
		3
		1
		1
		1
		1
		3
		1
		2
		1
		1
		3
		1
		1
		1

Depth 6	Contents 7	Reference to last Measurement 8
	tuminous Concrete 40mm. aterials towarning of Completed cleaning of Surface, painting xCavation as per clause 500.3 ntinous Surface all as per ons and directions of engineer	
	= 5.55Sqm	
	= 3.64Sqm	
	= 35.84Sqm	
	= 6.80Sqm	
	= 4.00Sqm	
	= 31.20Sqm	
	= 3.84Sqm	
	= 7.82Sqm	
	= 1.80Sqm	
	= 2.70Sqm	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192529

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		3	1.80	4.70	=	25.38 Sqm	
		1	6.10	4.70	=	28.67 Sqm	
		1	2.00	2.00	=	4.00 Sqm	
		1	1.00	1.00	=	1.00 Sqm	
		1	0.60	5.80	=	3.48 Sqm	
		3	0.80	5.80	=	13.82 Sqm	
		1	1.00	6.00	=	6.00 Sqm	
		2	6.10	1.00	=	12.20 Sqm	
		1	6.00	1.00	=	6.00 Sqm	
		1	1.00	1.00	=	1.00 Sqm	
		3	2.00	2.00	=	12.00 Sqm	
		1	1.00	4.20	=	4.20 Sqm	
		1	0.60	0.10	=	0.06 Sqm	
		1	2.50	9.40	=	23.50 Sqm.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Chamundeshwari Layout	1	4.00	4.00	=	16.00 Sqm	
		1	2.00	1.00	=	2.00 Sqm	
		1	5.00	1.00	=	5.00 Sqm	
		1	1.00	1.00	=	1.00 Sqm	
		1	3.00	1.40	=	4.20 Sqm	
		1	6.00	6.00	=	36.00 Sqm	
		1	1.20	1.30	=	1.56 Sqm	
		1	5.00	1.40	=	7.00 Sqm	
		1	1.00	1.00	=	1.00 Sqm	
		1	6.00	4.00	=	24.00 Sqm	
		1	1.30	5.50	=	7.15 Sqm	
		1	2.60	4.20	=	10.92 Sqm	
		1	6.00	1.60	=	9.60 Sqm	
		3	1.00	3.00	=	9.00 Sqm	
		1	2.00	3.50	=	7.00 Sqm	
		2	1.00	1.00	=	2.00 Sqm	
		1	0.60	0.60	=	0.36 Sqm	
		2	1.40	2.20	=	6.16 Sqm	
		1	1.40	3.00	=	4.20 Sqm	
		3	0.80	4.30	=	10.32 Sqm	

C & FC

29/2

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

M.A.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	Ramakrishna Appartment Road	1
		2
		4
		1
		1
		2
		1
		1
		2
		1
		3
		1
		3
		1
	C & FC I-2	
	19/2	
	Executive Engineer Byatarayanapura Division Yelahanka Zone, B.B.M.P. Bangalore - 560 092	
	Venkatgiriyappa Layout	

Depth 6	Contents 7	Reference to last Measurement 8
=	16.00 Sqm	
=	2.00 Sqm	
=	5.00 Sqm	
=	1.00 Sqm	
=	4.20 Sqm	
=	36.00 Sqm	
=	1.56 Sqm	
=	7.00 Sqm	
=	1.00 Sqm	
=	24.00 Sqm	
=	7.15 Sqm	
=	10.92 Sqm	
=	9.60 Sqm	
=	9.00 Sqm	
=	7.00 Sqm	
=	2.00 Sqm	
=	0.36 Sqm	
=	6.16 Sqm	
=	4.20 Sqm	
=	10.32 Sqm	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192530

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Ramakrishna Appartment Road	1	1.50	1.60	=	2.40 Sqm	
		2	0.90	5.50	=	9.90 Sqm	
		4	0.80	4.70	=	15.04 Sqm	
		1	1.00	5.60	=	5.60 Sqm	
		1	0.70	5.00	=	3.50 Sqm	
		2	0.80	5.00	=	8.00 Sqm	
		1	0.70	5.00	=	3.50 Sqm	
		1	0.80	5.20	=	4.16 Sqm	9.16
		2	0.80	2.00	=	3.20 Sqm	
		1	3.60	1.30	=	4.68 Sqm	
		3	4.40	1.00	=	13.20 Sqm	
		1	2.00	2.50	=	5.00 Sqm	
		3	2.00	2.60	=	15.60 Sqm	
		1	2.00	3.20	=	6.40 Sqm	
	C&R I-2						
	Venkat goodyappa Layout						

Executive Engineer
Byatarayanapura Division
Yashwanthpur, B.B.M.P.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	0.80	5.40	=	4.32 Sqm	
		2	1.00	3.20	=	6.40 Sqm	
		1	3.30	4.00	=	13.20 Sqm	
		1	7.00	2.00	=	14.00 Sqm	
		3	7.00	3.60	=	75.60 Sqm	
		1	7.00	1.50	=	10.50 Sqm	
		1	1.00	1.50	=	1.50 Sqm	
		3	1.50	1.50	=	6.75 Sqm	
		1	1.00	1.00	=	1.00 Sqm	
	Kallappa Layout	1	3.10	2.80	=	8.68 Sqm	
		1	3.70	2.10	=	7.77 Sqm	
		2	1.80	1.60	=	5.76 Sqm	
		1	0.60	0.60	=	0.36 Sqm	
		1	7.60	2.80	=	21.28 Sqm	
		3	4.40	1.80	=	23.76 Sqm	
		1	8.60	2.80	=	24.08 Sqm	
		1	5.30	3.20	=	16.96 Sqm	
		2	3.80	2.20	=	16.72 Sqm	
		1	2.40	2.20	=	5.28 Sqm	

M.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	RR School Main Road	
	Venugopal Swamy Temple Road	

Depth 6	Contents 7	Reference to last Measurement 8
=	4.32 Sqm	
=	6.40 Sqm	
=	13.20 Sqm	
=	14.00 Sqm	
=	75.60 Sqm	
=	10.50 Sqm	
=	1.50 Sqm	
=	6.75 Sqm	
=	1.00 Sqm	
=	8.68 Sqm	
=	7.77 Sqm	
=	5.76 Sqm	
=	0.36 Sqm	
=	21.28 Sqm	
=	23.76 Sqm	
=	24.08 Sqm	
=	16.96 Sqm	
=	16.72 Sqm	
=	5.28 Sqm	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192531

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	RR School Main Road	2	1.20	1.20	=	2.88 Sqm	
		1	1.00	0.80	=	0.80 Sqm	
		1	2.20	2.10	=	4.62 Sqm	
		3	1.80	1.00	=	5.40 Sqm	
		1	4.20	2.90	=	12.18 Sqm	
		2	1.30	1.20	=	3.12 Sqm	
		4	1.90	2.00	=	15.20 Sqm	
		1	2.10	3.00	=	6.30 Sqm	
		1	3.40	8.60	=	29.24 Sqm	
	Venugopal Swamy Temple Road	3	9.30	5.30	=	147.87 Sqm	
		1	1.80	1.60	=	2.40 Sqm	
		2	4.20	0.80	=	6.72 Sqm	
		1	2.80	2.10	=	5.88 Sqm	
		2	3.70	1.80	=	13.32 Sqm	

MEASUREMENT BOOK

BR ; W. 276
Dt 29/2/16

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		3	6.20	1.50	=	27.90 Sqm	
		2	3.40	2.20	=	14.96 Sqm	
		1	3.60	1.50	=	5.40 Sqm	
		1	4.20	2.10	=	8.82 Sqm	
		3	3.10	4.80	=	45.57 Sqm	
		1	3.60	4.50	=	16.20 Sqm	
		3	3.30	1.10	=	10.89 Sqm	
		2	4.60	1.30	=	11.96 Sqm	
		2	8.70	1.80	=	31.32 Sqm	
		2	4.10	2.10	=	17.22 Sqm	
		1	10.30	5.30	=	54.58 Sqm	
		2	7.80	6.70	=	105.86 Sqm	
		3	12.20	4.70	=	172.02 Sqm	
					Total =	1552.01 Sqm	
		Qty limited to tender			=	1546.73 Sqm	
		@ Rs 428.00				Rs 662000.44	

D.B. Sanders Agency
to Ramachandra
Pvt Ltd

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numb
1	2	3
FSD - 58889.00	ರೂ. 844946	
VAT - 39192.00	ಚೆಕ್ ಮುಖಾಂತರ ಪಾವತಿಸಿದೆ	
LDF - 9798.00	Krishnappa	
CBF - 980.00	ಲೆಕ್ಕಾಧಿಕಾರಿ	
IT - 9798.00	Certificate;	
ER - 21197.00	Certified that the	
Total Ded - 134554	no materials issu	
	Sudhar	
	AE 31/01/20	16.3

OK

Depth 6	Contents 7	Reference to last Measurement 8
=	27.90 Sqm	
=	14.96 Sqm	
=	5.40 Sqm	
=	8.82 Sqm	
=	45.57 Sqm	
=	16.20 Sqm	
=	10.88 Sqm	
=	11.96 Sqm	
=	31.32 Sqm	
=	17.22 Sqm	
=	54.58 Sqm	
=	105.86 Sqm	
=	172.02 Sqm	
Total =	1552.01 Sqm	
Tender =	1546.73 Sqm	
	RS 662000.44	

BR : NW. 226
Dt 29/2/16

192531A

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

97980

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
				134554	Total	RS	9798 00.44
	FSD – 58889.00 VAT – 39192.00 LDF – 9798.00 CBF – 980.00 IT – 9798.00 SR – 21197.00 Total Ded – 134554	845946				Zadhav AE 31/01/2015. 31/01/2016. Zadhav AR	

Certificate,

Certified that the above work done Satisfactory and no materials issued from departmentally

Zadhav
AE 31/01/2016. Zadhav

10/3

31/03/16

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97